Development of a humanized mouse model for testing anti-HIV HSPC gene therapy strategies in HIV-1 infected mice.

Grant Award Details

Development of a humanized mouse model for testing anti-HIV HSPC gene therapy strategies in HIV-1 infected mice.

Grant Type: Early Translational from Disease Team Conversion

Grant Number: TRX-01431

Project Objective: Goal of the project is to develop a humanized mouse model for transplantation of HIV infected mice and to demonstrate disease modifying activity of gene modified CD34 encoding anti-HIV shRNA in the progeny immune cells after transplantation in this animal model.

Investigator:

Name:	Irvin Chen
Institution:	University of California, Los Angeles
Type:	PI

Disease Focus: HIV/AIDS, Infectious Disease

Human Stem Cell Use: Adult Stem Cell

Award Value: $1,505,000

Status: Closed

Progress Reports

Reporting Period: Year 1

View Report

Reporting Period: Year 2 + NCE

View Report

Grant Application Details

Application Title: HPSC based therapy for HIV disease using RNAi to CCR5.

Public Abstract:

Statement of Benefit to California:

Source URL: https://www.cirm.ca.gov/our-progress/awards/development-humanized-mouse-model-testing-anti-hiv-hspc-gene-therapy-strategies